

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-296358  
 (43)Date of publication of application : 21.10.1994

(51)Int.CI. H02K 37/16  
 H02K 5/08  
 H02K 5/24  
 H02K 37/14

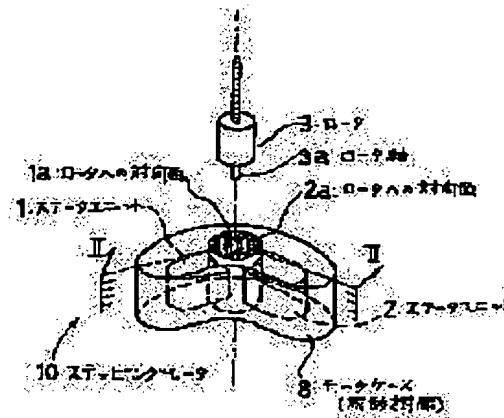
(21)Application number : 05-079701 (71)Applicant : CANON ELECTRON INC  
 (22)Date of filing : 06.04.1993 (72)Inventor : ARAI TADASHI

## (54) STEPPING MOTOR

## (57)Abstract:

PURPOSE: To offer stepping motors constructed such as to avoid a stator unit backlash, which is due to the height of the stator unit itself when it is housed in a motor unit and which causes vibration and noise.

CONSTITUTION: A stepping motor 10 has a motor case 8 made of molded resin. During the molding of the motor case 8, stator units 1, 2 are made integral with the motor case 8 at all the surface other than their respective surfaces 1a, 2a opposed to a rotor, thereby eliminating the need for conventional clamp.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]